

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

1-6. (Cancelled)

7. (New) An ignition coil of an ignition system in an internal combustion engine, comprising:

- a housing;
- a magnetically active core;
- a first coil winding connected to a supply voltage;
- a second coil winding connected to a high-voltage terminal; and
- at least one electrically conductive component having, at least in some areas, an arrangement for an electrically effective evening out of its surface.

8. (New) The ignition coil according to claim 7, wherein the arrangement is formed by an electrically conductive sheathing which has a smooth surface.

9. (New) The ignition coil according to claim 8, wherein the sheathing is a layer of electrically conductive plastic.

10. (New) The ignition coil according to claim 8, wherein the sheathing is extruded.

11. (New) The ignition coil according to claim 7, wherein the electrically conductive component is the magnetically active core.

12. (New) The ignition coil according to claim 7, wherein the electrically conductive component is a peripheral core of a compact ignition coil.